



NIAGARA MOHAWK POWER CORPORATION / 300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202 / TELEPHONE (315) 474-1511

September 21, 1984
(NMP2L 0168)

Mr. R. W. Starostecki, Director
U. S. Nuclear Regulatory Commission
Region I
Division of Project and Resident Programs
631 Park Avenue
King of Prussia, PA 19406

Re: Nine Mile Point - Unit 2
Docket No. 50-410

Dear Mr. Starostecki:

Enclosed is a final report in accordance with 10CFR50.55(e) for the problem concerning undersized structural steel shop welds. This problem was reported via tel-con to Mr. S. Collins of your staff on January 10, 1984. An interim report was submitted via our letter dated February 6, 1984.

Very truly yours,

C. V. Mangan
Vice President
Nuclear Engineering and Licensing

CVM/GG/pbd

xc: Director of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

R. A. Gramm, NRC Resident Inspector
Project File (2)

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NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT - UNIT 2
DOCKET NO. 50-410

Final Report for a Problem
Concerning Undersized Structural
Steel Shop Welds
(55(e)-84-01)

Description of the Problem

During the course of the Nuclear Regulatory Commission's Construction Appraisal Team Inspection (CAT Inspection Report 50-410/83-18), the inspection team reviewed structural steel shop welding performed by Cives Steel Corporation and observed nonconformities in some welds. These nonconformances were identified as Item D, Examples 2a and 2b in Enclosure 2 to the Nuclear Regulatory Commission letter dated March 20, 1984. Niagara Mohawk responded to these deficiencies by letter dated May 4, 1984. Niagara Mohawk's response identified a sampling plan developed in accordance with Military Standard 414 (Inspection Level 4) for Cives Steel Structural Steel Welds. Of the 75 welds selected from the sampling plan, 12 were found not to be in compliance with AWS D.1.1 visual inspection requirements. These deficient welds were documented on Nonconformance and Disposition Report No. 6796. The nonconformities identified by the Nuclear Regulatory Commission and the sampling plan were evaluated.

Analysis of Safety Implications

The evaluation of the specific nonconformities identified by the Nuclear Regulatory Commission and the 12 nonconforming welds identified by our sampling plan indicates that these were acceptable as is because the stress levels in the nonconforming welds were found to be within the allowable design limits. If this problem were to have remained uncorrected, it would not have adversely affected the safety of operation of the plant. Therefore, the criteria for reportability under 10CFR50.55(e) have not been met.